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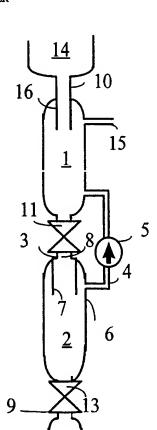
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(54) Title: PROCESS TO REMOVE SOLID SLAG PARTICLES FROM A MIXTURE OF SOLID SLAG PARTICLES AND WA-TER



(57) Abstract: Process to remove solid slag particles from a mixture of solid slag particles and water present in a quench zone, which quench zone is part of a process for the preparation of synthesis gas by partial combustion of finely dispersed solid carbon-containing fuel with an oxygen-containing gas, by a) discharging of the mixture from the quench zone to a first vessel, (b) discharging slag particles from the first vessel to a second vessel and discharging water poor in solid slag from the second vessel, which second vessel is located below and fluidly connected to said first vessel by means of an open connecting conduit provided with pumping means and is further provided with closed means to discharge slag from its lower end, (c) fluidly closing the first vessel from the second vessel, (d) opening of the means to discharge slag from the second vessel to remove slag from the second vessel to a lower pressure zone, and (e) closing the means to discharge slag from the second vessel and repeating steps (a) to (e).

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